

Morrison Planetarium

Sky Shows

Skylight takes you over the rainbow and through the Aurora Borealis to explain what causes the natural lightshows in our skies. Skylight will take the mystery out of those lights in the sky and make them even more wonderful to see and appreciate. Sky shows are on weekends and Friday, November 28 at 1:00, 2:00, 3:00 and 4:00 p.m. and weekdays at 2:00 p.m.

Exploring the Skies of the Season reproduces the skies over San Francisco no matter what the weather. This month stargazers can see the Andromeda Galaxy overhead as Orion rises and, at mid-month, the Leonid Meteor Shower. Shows can be seen at noon on weekends and Friday, November 28.

The Planetarium will be closed Thanksgiving Day.

Laserium

Laserium presents four laser shows on the 65 foot dome of Morrison Planetarium — **Crystal Odyssey: A Classical Fantasy, Laserspace, Lasertrax, and Pink Floyd II.** Tickets are \$5 for adults and \$3 for seniors and children 6-12. (Crystal Odyssey has a special adult price of \$4.) Members' complimentary Planetarium passes are not valid for Laserium shows. For information call (415) 750-7138.

On January 13, Morrison Planetarium will present a unforgettable evening of music as Jazz vocalist Bobby McFerrin and the Voicestras redefine the meaning of the word singing. See the December Newsletter for details.

Planetarium Concert Series

Morrison Planetarium's Fall Concert series offers memorable evenings of beautiful music under the starry skies of Morrison Planetarium.



Sonus Lyricus
8:00 p.m.

November 18

Sonus Lyricus is a unique ensemble composed of flutist Diane Gee, cellist Samuel Scott and pianist Miles Graber. The trio, which has performed internationally, will play traditional and contemporary works including those of Joseph Haydn, Louise Farrence, Mario Davidovsky, and George Crumb.

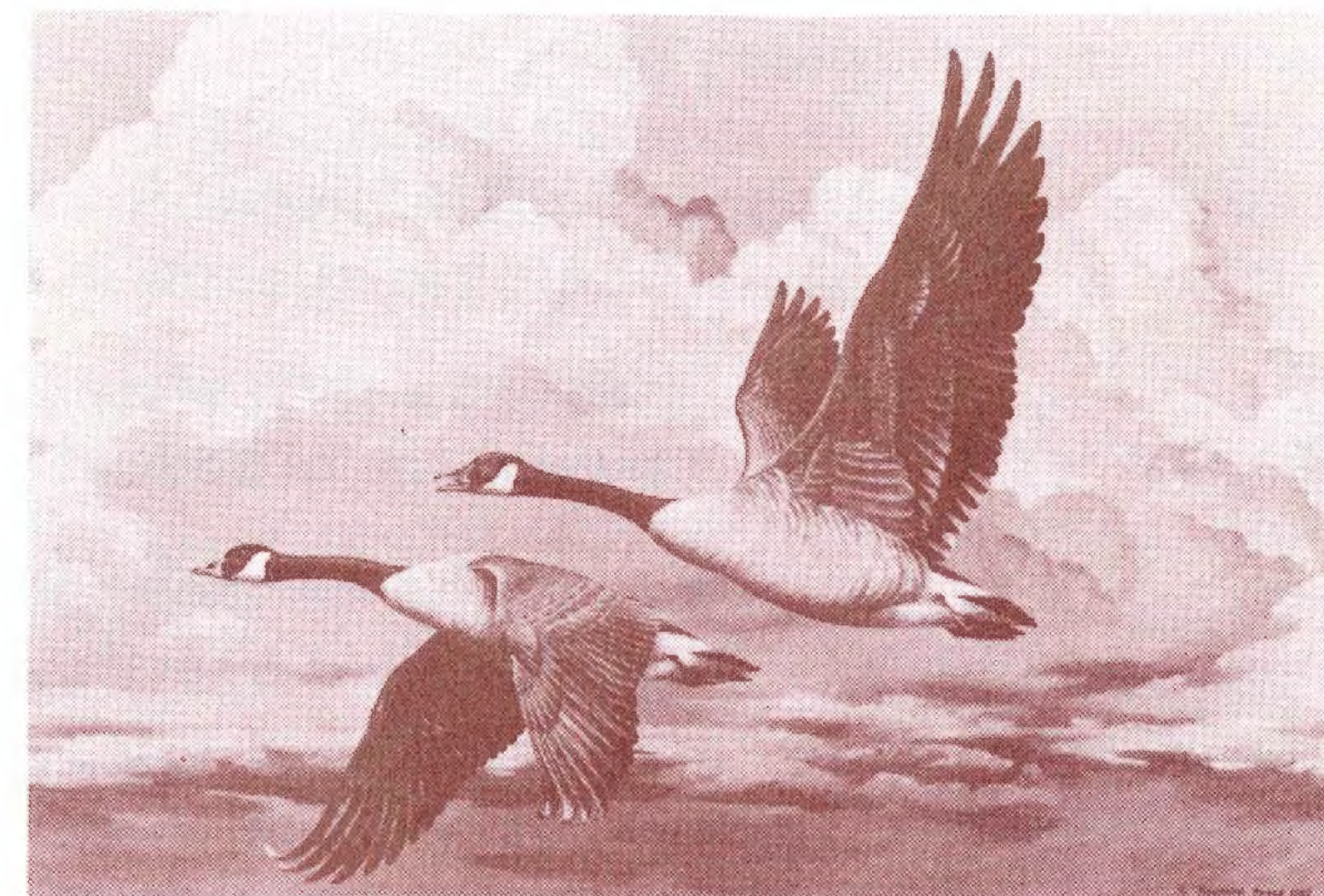
Final concert of the fall series:

An Evening of Classical Flute and Guitar **December 9**

Julie McKenzie and Doug Hensley will play works by Rodrigo, Rorem, Holewa and others.

Each concert is \$5 for members and \$7 for non-members. For tickets send a check payable to Morrison Planetarium with a self-addressed, stamped envelope to Planetarium Concert Series, Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. Depending on availability, tickets for both concerts will also be sold at the door the night of the performance. For information call (415) 750-7127.

Special Exhibits



The Society of Animal Artists Annual Exhibit — Animals: The Best of '86 opens in Lovell White Hall on November 15. This juried exhibit is displayed each year at a different American museum and includes works by some of the nation's foremost animal artists. Paintings, drawings, and sculptures by artists including Robert Bateman, Roger Tory Peterson, Kent Ullberg and Richard Ellis depict animals in natural settings. **Animals: The Best In '86** will be on display through February 1, 1987.

Join the artists to celebrate the opening on Nov. 14. See "Special Events" section of this Newsletter for details.

Lifelong Safari represents the life work of one Curator of the Academy of Sciences, Dr. Edward S. Ross. For almost 50 years Dr. Ross has crisscrossed six continents in search of Embids, the tiny termite-like insects that are the focus of his research. During his travels, Ross documented in stunning photographs the lands and people he visited, earning international renown for his work. Lifelong Safari can be seen through May 3, 1987.

The Chimpanzees of Gombe Stream are depicted in large color photographs on loan from the National Geographic Society. These portraits of Dr. Jane Goodall's study group will be on display in Lower Cowell Gallery through January 11, 1987.

Young Audiences

This exciting series of professional performing arts programs for children, presented on the last Sunday of each month at the Academy of Sciences, explores science and cultural anthropology through music, dance and theater. The series is made possible by a grant from McKesson Foundation, Inc. to Young Audiences of the Bay Area, a non-profit organization sponsoring art programs to local schools.

Hotzeplotz Klezmer Quartet **November 30**

Wattis Hall of Man 1:00 p.m.

The quartet (violin, clarinet, string bass and mandolin) will perform exuberant melodies and wild rhythms from the Jewish music tradition of Eastern Europe.

Art of the Americas

The Meridian Nights series of lectures highlights the cultural arts of North, Central and South America. The programs are sponsored by the Society of Art Publications of the Americas (SAPA) and the Academy of Sciences.

The Modern Artist as Shaman **Dr. Mark Levy November 6**

Wine and cheese: 7:00 p.m.
Presentation: 7:30 p.m.

Dr. Mark Levy will draw upon the history of art from the 19th century to the present in this slide/lecture on the parallels between the role of the shaman in primal societies and the artist as healer, balancer and seer.

Tickets for the lecture and reception are \$5 at the door. For information call June Anderson in the Academy's Anthropology Department at (415) 750-7164.

S pecial Lectures

EVEREST '85

Wednesday, November 19 8:00 p.m.
\$3 members, \$5 non-members

Brian O'Malley has had an experience that is shared by few others; he has pitted his body and mind against Everest — the ultimate challenge. In 1985, he joined 21 climbers as they set out to conquer the world's highest peak. Although fever and delirium forced O'Malley to turn back before reaching the summit, he experienced a rare and powerful experience, which he has a remarkable talent for relating. This multi-media presentation has kept audiences across the country spell-bound.



Ticket Order Form EVEREST '85

Name _____

Street _____

City _____

State _____ Zip _____

NO REFUNDS NO EXCHANGES

Please send this form with a check payable to the California Academy of Sciences and a self-addressed, stamped envelope to Special Programs, Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. For information call (415) 750-7222.

ORIGINS OF HUMAN SEXUALITY

Sunday, November 9 9:30 a.m. - 5:30 p.m.
Zellerbach Hall, U.C. Berkeley
Tickets \$35

Dr. Donald Johanson will moderate this symposium of experts discussing the interrelationships between evolution, anthropology, and human sexuality. The panel includes Jean Auel, Dr. C. Owen Lovejoy, and Dr. Sarah Blaffer Hrdy. This event is co-sponsored by the California Academy of Sciences, the Institute of Human Origins and the University of California, Berkeley.

For tickets call (415) 642-9988.

THE ORIGINS OF MANKIND

Wednesday, November 12 8:00 p.m.
Palace of Fine Arts, San Francisco
Tickets: \$25, students \$18

Richard E. Leakey, who is rewriting the history of our species with his research on the anatomy and social behavior of our ancient ancestors, will discuss his latest findings and their implications.

Tickets are available at Downtown Center Box Office, Ticketron or by calling (415) 775-2021.

I nside the Academy

The Nature Company will be closing its store at the Academy of Sciences on December 31. The Academy has greatly enjoyed its seven year association with The Nature Company, but has now decided to develop its own, unique retail facility — **The Academy Store** which opens January 1. Members wishing to exchange or return merchandise purchased at The Nature Company museum store during December, may do so with a receipt at any other Nature Company Store through January 15, 1987.

S pecial Events



ANIMAL ARTISTS RECEPTION

Friday, November 14
6 p.m. - 9 p.m.
\$10 per person

Artist Richard Ellis

Enjoy a champagne reception and meet some of the artists whose works were selected for the Society of Animal Artists exhibition at the Academy. This annual juried show features the work of some of America's foremost artists including Robert Bateman, Roger Tory Peterson, Kent Ullberg, and Richard Ellis. This special evening event includes a reception and the presentation of special awards to several of the artists.

Tickets may be purchased by sending a check payable to the California Academy of Sciences and a self-addressed, stamped envelope to Special Events Office, Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. For information call (415) 750-7221.

Note: Sorry about misprint on price in October. Refunds will be mailed.

A Special Concert By

The San Francisco Recreation Symphony Orchestra

Saturday, November 22 3:00 p.m.
Wattis Hall of Man Free

Put some harmony in your Saturday afternoon at this special concert by the San Francisco Recreation Symphony Orchestra. Under the direction of Karla Lemon, the group will perform Beethoven's Coriolan Overture, Mozart's Divertimento in D Major, and Mendelssohn's Symphony #5, known as the Reformation Symphony.

California Academy of Sciences
and KFOG 104.5 FM present
HOME OF QUALITY ROCK & ROLL

Run To The Far Side II



Sunday, November 30 9:00 a.m.

The second annual Run to the Far Side, sponsored by the Academy and KFOG 104.5 FM, will take 5K and 10K runners on a Golden Gate Park course designed by our new race organizers, RhodyCo Productions. There are divisions for runners of every age, wheelchair divisions, and a special group costume contest. All runners receive a long sleeve t-shirt with portraits of some of Larson's most inspiring runners and a chance to win an invitation to a dinner with Gary Larson. There are prizes for the winners, prizes for the lucky, and post race music and refreshments for everyone. Registration is \$10 before November 24, \$12 after. Race day registration begins at 7:00 a.m. For information and a registration form, write the Run Office, Academy of Sciences, Golden Gate Park, San Francisco, CA 94118; (please include a self-addressed, stamped envelope) or call (415) 750-7142.





Share the Academy with someone special by giving a gift membership. Free admission to the museum, Planetarium tickets, Academy store discounts, and beautiful Pacific Discovery Magazine make this a gift that lasts all year.

Please enroll:

Name: _____

Address _____

City _____ Zip _____

as a _____

(see categories below)

in the California Academy of Sciences, Golden Gate Park, San Francisco 94118 as a gift from:

Name _____

(as you want it to appear on gift card)

| | |
|-------------------------|-------|
| Individual membership | \$30 |
| Family membership | \$35 |
| Contributing membership | \$50 |
| Curators' circle | \$100 |
| Student membership | \$20 |
| Senior membership | \$15 |
| Senior couple | \$20 |

Enclosed is a check payable to the California Academy of Sciences for \$ _____

Charge my VISA # _____

Charge my MASTERCARD # _____

For further information call the Membership Office at (415) 750-7112.

Traditional Arts

The Phyllis Wattis Traditional Arts Series offers natives of other cultures a chance to share their traditions with visitors to the Academy. These programs take place at 1:00 p.m. on most Saturdays.

November 1— The Eritrean Melody Band presents "Khlooda" — a selection of dances that express the distinct culture of this African nation. The band integrates traditional Eritrean songs with contemporary musical instruments.

November 8— Susye Billy, a Pomo Indian from Hopland, demonstrates tribal baskets, including coil and weaving techniques and the unique Pomo feather baskets. Ms. Billy will discuss gathering and curing of seasonal materials, and typical Pomo designs and shapes.

November 15— Well-known local percussionist, Francisco Aguabella, plays the *bata* — a sacred drum used in Afro-Cuban rituals associated with the *santeria* religion of the Lucumi people, descendents of Yoruba slaves in the Caribbean. Aguabella learned *bata* in his Cuban homeland; his performance is a tribute to his Yoruba heritage.

November 22— Tom Paley's concert of American old-time stringband and country music is characterized by a dazzling display of guitar and banjo picking, with some fiddle tunes thrown in.

November 29— No program.

Adult Education and Travel

Education is a lifelong expedience; the Academy offers a wide variety of courses and study tours to make this a lively and informative venture. For information call the Education Office at (415) 750-7100.

Exploring the Human Form
November 18-25, December 2-23
\$115/instruction & live model

Academy Expeditions

Plan your travels with the California Academy of Sciences. There are diverse destinations with adventure and education for every traveler. For information call the Academy Travel Office at (415) 750-7222.

BAJA CALIFORNIA CIRCUMNAVIGATED March 30 - April 15

On this "Special Edition" of our popular annual trip to Baja California, we have added two days to our itinerary for in-depth exploration of Baja's attractions and for following schools of porpoise or blue and finback whales, traveling as we please from island to island. We sail from Loreto, visiting Isla Santa Catalina, Isla San Martir, and Bahia de Los Angeles, spending our days snorkeling, bird-watching and seeing the extraordinary boojum forests and giant barrel cacti. Watching for finback whales we cross Canal de Ballenas for tidepooling on Isla San Marcos, with stops on Isla San Jose and Los Islotes, where we explore shops and the museum. Passing Cabo San Lucas we turn north to the breeding grounds of the gray whales, Magdalena Bay, for the thrill of a lifetime — face-to-face encounters with friendly gray whales. We continue north, observing marine mammals and varied plant life, to San Diego. Costs range from \$3,390 to \$4,690 plus airfare to Loreto. For information call the Academy Travel Office at (415) 750-7222.

OTHER 1987 EXPEDITIONS:

GUATEMALA: The Heartland of the Ancient Maya

April 5 - 21

Leader: Dr. John Carlson

WILDERNESS GRAND CANYON

April 5 - 10

Leader: Jean DeMouthe

ROGUE RIVER WHITEWATER ADVENTURE

June 19 - 23

Leader: Dr. Robert Drewes

PAPUA NEW GUINEA

July 15 - August 6

COASTAL MAINE AND THE BAY OF FUNDY

August 7 - 19

THE SWISS AND ITALIAN ALPS

August 21 - September 6

Leader: Dr. Frank Almeda

CANYONS OF TIME: America's Southwest

September 22 - October 3

BRAZIL AND ARGENTINA

September 23 - October 12

ORIENTAL ODYSSEY: Burma and Thailand

November 2 - 24

The Month At A Glance

NOVEMBER

- 1 Traditional Arts — Eritrean Band
- 6 Lecture — Mark Levy
- 8 Traditional Arts — Pomo baskets
- 9 Symposium — Human Sexuality
- 12 Members' Meeting
- 12 Lecture — Origins of Mankind
- 13 Members' Meeting
- 14 Reception — Society of Animal Artists
- 15 Opening of **Animals: The Best of '86**
- 15 Traditional Arts — Francisco Aguabella
- 18 Planetarium concert — Sonus Lyricus
- 19 Lecture — Everest '85
- 22 S.F. Recreation Symphony Orchestra
- 22 Traditional Arts — country music
- 27 Planetarium closed for Thanksgiving
- 30 **Run to the Far Side II**
- 30 Traditional Arts — Klezmer Quartet

November Members' Meeting

Dates & Times

Matinee, 2:00 p.m., Wednesday, November 12
Evenings, 8:00 p.m., Wednesday and
Thursday, November 12 and 13

Place

Morrison Auditorium

Speaker

Dr. Lowell Dingus

Subject

The Hunt for the Great Triceratops



Imagine yourself treading through dusty, dry ravines under the glaring sun, peering at the walls of a dry river bank trying to see a tiny speck of something unusual — this is dinosaur hunting at its finest. During the last two summers a team from the Academy led by Dr. Lowell Dingus has searched a remote area of north-central Montana for dinosaur bones and fossils. Relive this adventure with Dr. Dingus as he recounts the excitement, disappointments, moments of hilarity and the arduous and exacting labor involved in finding 65 million year old animals.

Dr. Dingus is staff paleontologist for the California Academy of Sciences. He earned his doctoral degree at the University of California, Berkeley specializing in fossil vertebrates. Since 1983 he has been the scientific coordinator for the new permanent exhibit *Life Through Time: The Evidence For Evolution*, which is scheduled to open in 1989.

Sneak Preview: December 10 and 11
Kathy Miller "Antarctica: Diving Beneath the Ice".



A Special Holiday Evening For The Family

Monday, December 8 6:00 - 9:00 p.m.

The entire family will enjoy this festive evening of celebration. Members and their families can enjoy favorite carols while admiring the international Christmas tree, decorated with traditional ornaments from cultures around the world. Nativity scenes, on loan from museum anthropology departments and families in the Bay Area, will demonstrate how different peoples have interpreted the Christian tradition using native materials and styles. Lively entertainment throughout the evening will create a holiday mood for all.

Evening festivities include:

- 6:00-7:00 The Harbinger Consorts** brass quintet plays traditional carols
- 6:30-6:50 Tamaka the Magician** makes glum thoughts disappear
- 7:00-7:30 The San Francisco Girls Chorus** sings old favorites
- 7:30-8:00 Make-A-Circus** performs shenanigans of juggling, stilt-walking and acrobatics
- 8:00-8:20 Tamaka the Magician** has more tricks up his sleeve

The Nature Company will be open throughout the evening for holiday shopping.

Admission, \$2 for adults and \$1 for children 17 and under, will be paid at the door that evening.



Golden Gate Park
San Francisco, California 94118-9961
(415) 221-5100

Open every day of the year
from 10 until 5



California Academy of Sciences

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